WHAT IS CLAIMED IS:

1. A cache control method in a data processing system having a computer for executing a program, and a storage unit having a cache memory for storing data transmitted as a result of execution of said program and a disk device for storing data stored in said cache memory, wherein

said storage unit responds to an input of a request for storing data transmitted from said program to store the transmitted data in said cache memory, and responds to an input of a request for flashing transmitted from said program to store, in said disk device, the data stored in said cache memory.

2. A cache control method according to claim 1, wherein said flash request is transmitted from said program to said storage unit at the timing of a check point in a transaction process operated by said program.

3. A cache control method according to claim 1, wherein each of said data storing request and flash request includes area identification information for specifying areas in said cache memory, and wherein when said data storing request is inputted, said transmitted data is stored in an area specified by the area identification information of said data storing request and when said flash request is inputted, the data stored in the area specified by the area identification information of said data storing request is stored in

said disk device.

4. A cache control method according to claim 3, wherein the area of said cache memory is managed as to whether data update occurs in said area or not, and when said flash request is inputted, data resulting from update of the data stored in the area specified by the area identification information of said data storing request is stored in said disk device.

5. A cache control method according to claim 3, wherein the area identification of said cache memory includes volume identification information and segment identification information.

6. A data processing system comprising a computer for executing a program, and a storage unit having a cache memory for storing data transmitted as a result of execution of said program and a disk device for storing data stored in said cache memory, wherein

said storage unit includes:

means responsive to an input of a request for storing data transmitted from said program to store the transmitted data in said cache memory; and

means responsive to an input of a request for flashing transmitted from said program to store, in said disk device, the data stored in said cache memory.

7. A data processing system according to claim 6, wherein said flash request is transmitted from said program to said storage unit at the timing of a check point in a transaction process operated by said

program.

8. A data processing system according to claim 6, wherein each of said data storing request and flash request includes area identification information for specifying areas in said cache memory, and wherein when said data storing request is inputted, said transmitted data is stored in an area specified by the area identification information of said data storing request and when said flash request is inputted, the data stored in the area specified by the area identification information of said data storing request is stored in said disk device.

9. A data processing system according to claim 8, wherein the area of said cache memory is managed as to whether data update occurs in said area or not, and when said flash request is inputted, data resulting from update of the data stored in the area specified by the area identification information of said data storing request is stored in said disk device.

10. A data processing system according to claim 8, wherein the area identification of said cache memory includes volume identification information and segment identification information.

11. A data processing program for functioning a data processing system having a computer for executing a program, and a storage unit having a cache memory for storing data transmitted as a result of execution of said program and a disk device for storing data stored

in said cache memory,

said program causing said storage unit to execute a step of responding to an input of a request for storing data transmitted from said program to store the data transmitted from said program in said cache memory, and a step of responding to an input of a request for flashing transmitted from said program to store, in said disk device, the data stored in said cache memory.